

NOTICES OF NEW JAPANESE LAND SHELLS.

BY H. A. PILSBRY AND Y. HIRASE.

Eulota (Euhadra) euterpe n. sp.

Shell umbilicate, depressed, the upper surface low-conic, lower surface convex. Last $1\frac{1}{2}$ whorls *white under a thin yellow cuticle*, which is in part worn off in the type specimen; the *periphery marked with a narrow dark chestnut band*, the edge of which appears above the suture of the penultimate and last whorls; the inside of the umbilicus of the same dark color; *inner whorls red-brown*, the apex whitish. Surface rather glossy, rather closely plicate-striate above, somewhat smoother below the periphery. Whorls 6, slightly convex, regularly and slowly increasing, the last scarcely descending in front, *distinctly angular at the periphery*, the angle almost disappearing just below the lip. Aperture oblique, lunate, white and showing the brown band within, peristome *reddish-brown*, a little thickened within, the upper margin slightly expanded, the outer and basal margins reflexed, columellar margin dilated. Alt. 24, greater diam. 39, lesser 34.5 mm.

Prov. Kunchan, Riukin. Type no. 1078 of Mr. Hirase's collection.

This very handsome *Euhadra* belongs to the group of *E. mercatoria*. It is similar to that species in the umbilicus and shape of the peristome, and the slow, regular increase of the whorls; but it differs from *mercatoria* in the depression of the whole shell, the more angular periphery, the finer and closer sculpture, and in coloration. Only one specimen has been received.

Eulota (Plectotropis) marginata n. sp.

Shell broadly and openly umbilicate, convexly low-conic above, convex beneath, solid and strong; light brown, surface lustreless, sculptured with irregular growth-wrinkles only. Whorls 7, but slightly convex, slowly and regularly increasing, separated by a slightly impressed suture which is distinctly margined above. Last whorl slightly descending in front, acutely carinate at the periphery, the keel *narrowly impressed on both sides*; base convex, not angular around the umbilicus, but very suddenly curving into it. Aperture oblique, nearly as high as wide; the peristome slightly thickened

within, white, noticeably grooved at the position of the keel, below which it is more thickened, expanded and narrowly reflexed. Alt. 14, diam. 27, width of umbilicus 6.5 mm.; width of aperture 11, oblique alt. 10.5 mm.

Kunchan, the northern province of Riukiu Island. Type no. 84924 A. N. S. P., from no. 1080 of Mr. Hirase's collection.

A large, solid species, with the keel margined on both sides, and projecting a trifle at the suture.

Eulota (Aegista) friedeliana var. *peraperta* n. v.

Differs from *friedeliana* from Nagasaki, the type locality, in the more widely open umbilicus and the noticeably smaller aperture in shells of the same size. Alt. 9, diam. 17 mm.; width of umbilicus 5.5 mm.

Isshochi, Higo. Type no. 84925 A. N. S. P., from no. 343a of Mr. Hirase's collection.

Eulota (Plectotropis) conomphala n. sp.

Shell umbilicate, depressed, low-conic above and below the acute peripheral keel. Thin, light brown, nearly lustreless, slightly striated with growth lines, and showing very fine, close, rather indistinct spiral lines under a lens, obsolete in places. On the upper surface there are sparse, short cuticular processes, easily rubbed off. Whorls $6\frac{1}{2}$, slowly widening, nearly flat, the keel of the last whorl bearing a fringe of cuticular filaments, triangular at their bases. Base angular around the deep, conic umbilicus. Last whorl very little descending in front. Aperture oblique, the upper margin of the peristome simple, basal margin thin, very narrowly reflexed; columellar margin dilated above. Alt. 9.5, diam. 19.5 mm.

Yakujima, Osumi. Type no. 84926 A. N. S. P., from no. 905a of Mr. Hirase's collection.

A very distinct, thin species, noticeably bi-conic in shape, and angular around the regularly conic umbilicus. It is an interesting addition to the fauna of Yakujima.

Hirasea planulata n. sp.

Shell imperforate, discoidal with rounded periphery and level upper surface. Yellowish brown, dull and very densely, very finely radially striate above, becoming smooth and glossy beneath. Spire

almost level, but the inner whorls are very slightly sunken. Whorls $5\frac{1}{2}$ to $5\frac{3}{4}$, convex, slowly widening, the last falling a little to the aperture and noticeably contracted at the lip; the base impressed in the middle as usual. Aperture nearly vertical, narrowly crescentic, the lip thickened within by a strong white rib. Alt. 1.8, diam. 3.5 mm., or a little smaller, alt. 1.4, diam. 3.2 mm.

Hahajima, Ogasawara. Type no. 82976 A. N. S. P., from 849b of Mr. Hirase's collection.

This was formerly thought to be a small form of *H. biconcava*, but the study of additional specimens of both show *H. planulata* to be constantly smaller, with a nearly level spire, while in *biconcava* the spire is conspicuously sunken.

Kaliella incensa n. sp.

Shell almost imperforate, depressed, the spire very low, conic, the base convex, periphery rounded in fully mature shells; thin, yellow, translucent and smoothish, under a strong lens seen to be minutely and closely striate obliquely above, the striæ decussate on the earlier whorls, the base smooth.

Whorls $3\frac{3}{4}$, but slightly convex, the last nearly double the width of the preceding. Aperture slightly oblique, lunate, the peristome thin, columellar margin suddenly dilated and reflexed near the axial insertion. Alt. 1.6, diam. 2.8 mm.

Hakusan, Kaga. Types no. 84788 A. N. S. P., from no. 973a of Mr. Hirase's collection.

A small species with few rather wide whorls, the last one rapidly widening. The columellar lip is more oblique than usual. It might be placed in *Microcystina*, but it has the sculpture of *Kaliella*. (*Incensus*, unrecorded.)

Kaliella harimensis var. *sadoensis* n. var.

This variety is somewhat larger than *K. harimensis*. It also resembles *K. okiana*, but the columellar margin is less widely dilated. It is from Shukunegimura, Sado; types no. 84764 A. N. S. P., from no. 1034 of Mr. Hirase's collection.